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PTO/SB/21 (04-04)

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/602,548
Filing Date	June 23, 2003
First Named Inventor	Tang, Hongxing
Art Unit	2855
Examiner Name	Allen, Andre J.
Attorney Docket Number	009195-000520US

Total Number of Pages in This Submission

6

ENCLOSURES (Check all that apply)

- | | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input checked="" type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Response to Missing Parts/Incomplete Application
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Return Postcard |
|--|---|--|
- Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

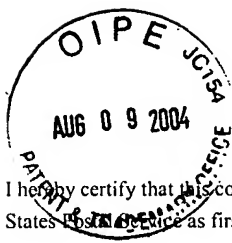
Firm or Individual name	Townsend and Townsend and Crew LLP
Signature	Gerald T. Gray
Date	08/04/2004

Reg. No. 41,797

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PATENT
Attorney Docket No.: 009195-000520US
Client Ref. No.: CIT-3871

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On

August 4, 2004

TOWNSEND and TOWNSEND and CREW LLP

By:

[Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hongxing Tang et al.

Application No.: 10/602,548

Filed: June 23, 2003

For: SENSORS BASED ON GIANT
PLANAR HALL EFFECT IN DILUTE
MAGNETIC SEMICONDUCTORS

Customer No.: 20350

Confirmation No. 1228

Examiner: Allen, Andre J.

Technology Center/Art Unit: 2855

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed July 12, 2004, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.